

What is claimed is:

1. A battery comprising:

a cathode;

an anode; and

an electrolyte,

wherein the electrolyte contains propylene carbonate, ethylene carbonate, a low viscosity solvent having a boiling point of 150°C or less, a carbonic acid ester of an unsaturated compound and a lithium salt; and a content of the propylene carbonate is from 5 wt% to 20 wt%, and a content of the carbonic acid ester is from 0.3 wt% to 3 wt%.

2. A battery according to claim 1, wherein the electrolyte contains at least either vinylethylene carbonate or vinylene carbonate as the carbonic acid ester.

3. A battery according to claim 1, wherein the cathode and the anode comprise current collectors having a pair of facing faces, and active material layer provided on the current collectors; the cathode and the anode are layered and wound with the electrolyte in between; and at least either the cathode or the anode comprises one or more circuits of an exposed region wherein no active material layer is provided at least either at the center side of the winding body or at the peripheral side of the winding body.